RAFAEL
ADVANCED DEFENSE SYSTEMS LTD.

SMART AND TO THE POINT.

IRON DOME® Family

Combat-Proven, Integrated Multi-Mission Short-Range Air & Missile Defense System

Combat-Proven Solutions

IRON DOME is the world's most used missile defense system and a combat-proven multi-mission defense system that combines both Short Range Air Defense (SHORAD) and Counter Rockets, Artillery and Mortar (C-RAM) capabilities, including cruise missiles. IRON DOME protects deployed, maneuvering forces, urban areas and critical assets against a wide range of indirect fire and aerial threats. The system operates 24/7 and in all weather conditions, including low clouds, rain, dust storms or fog.

IRON DOME can handle multiple threats simultaneously and efficiently.

IRON DOME is cost effective, as it enables selective handling of critical threats aimed at a predefined defended zone, thus reducing unnecessary interceptor launches. The system uses a unique interceptor with a special warhead that detonates the target warhead in the air. If the estimated trajectory of the airborne threat is headed towards the defended zone, a command is given and an interceptor is launched against the threat.

IRON DOME is mobile, and can be configured to defend an urban area, a Forward Operating Base (FOB), or troops on the move.

IRON DOME can be integrated on most off-the-shelf vehicles, and is roll-on/roll-off transportable on most transport aircraft.

I-DOME

IRON DOME

C-DOME

Main Features

- Combat-proven with **over 5,000 interceptions and over 90% mission success rate**
- Protects 24/7 in all-weather conditions
- Flexible, agile and integrated solution against cruise missiles, UAVs, RAM, PGMs
- Multi-mission system based on common building blocks for land and sea applications
- Effectively defends fixed and semi-fixed assets
- Maximum safety for friendly aircraft
- Radar-agnostic, integratable with various detection systems
- Evolutionary system, adaptable to emerging threats
- Cost-effective system
- Mobile, transportable, allows fast deployment

IRON DOME – Land Applications

IRON DOME is a combat-proven solution.

The system has been used by the Israeli Air Force since 2011 and has successfully intercepted over **5,000 rockets with an over 90% success rate.**

The system was proven effective against concentrated salvos and in challenging scenarios.

IRON DOME saved lives and prevented damage to property. The system is an evolutionary system that is continuously adaptable to emerging threats.

I-DOME™ – All-in-One IRON DOME

I-DOME is a mobile system based on the operational and combat-proven IRON DOME system. The system is integrated with all system components installed on a single truck.

I-DOME consists of a wheeled chassis launcher (6x6 truck chassis) with 10 IRON DOME interceptors, a radar, and a Battle Management & Control (BMC) operating station. The interceptors provided in sealed, ready-to-launch canisters are inserted into two five-tube groups on the turret.

I-DOME effectively protects against short to medium range rockets, mortars and artillery shells. The system defends motorized or mechanized troops, and provides point air defense of military/industrial/administrative installations.

C-DOME™ – IRON DOME Naval Application

C-DOME is an advanced naval configuration of the operational, combat-proven IRON DOME. It protects ships and other sea-based strategic assets from modern naval threats.

C-DOME uses the IRON DOME interceptor, a vertical launcher, components from the IRON DOME Battle Management Center, and the ship's own surveillance radar.

C-DOME provides simultaneous multiple-target engagement capability with unrestricted 360° azimuth coverage. C-DOME offers unparalleled firepower with a small footprint at low cost.

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